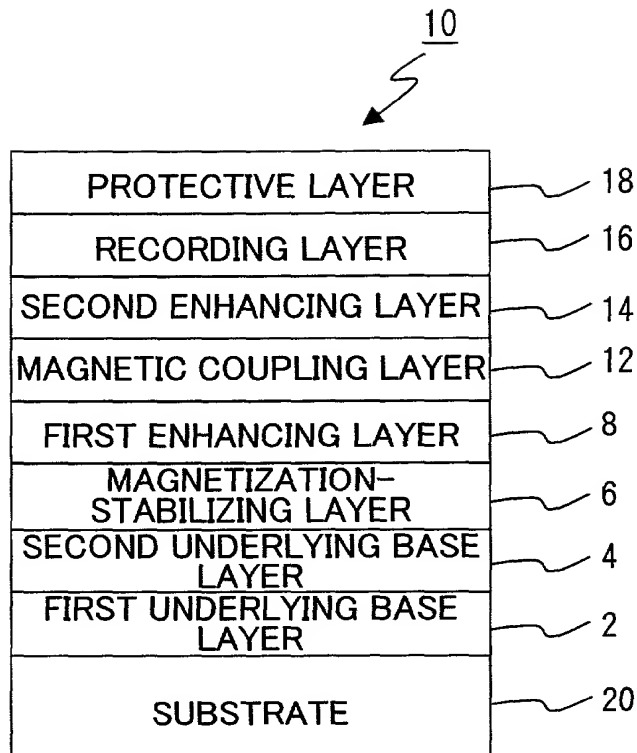
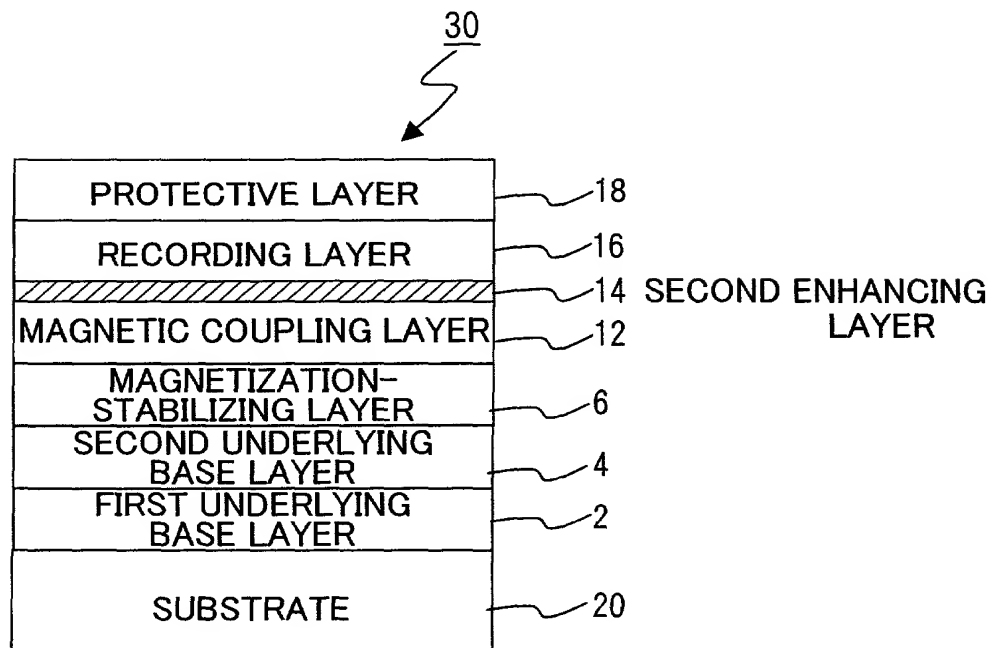


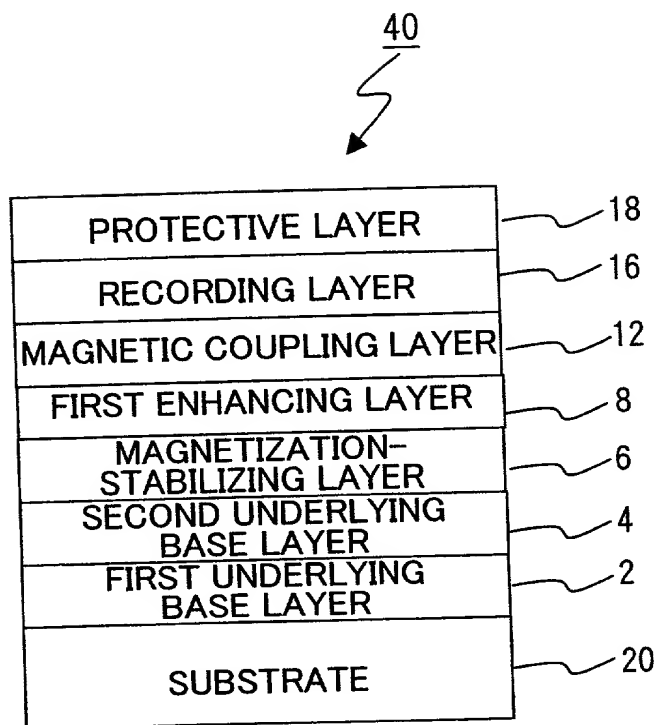
**Fig. 1**



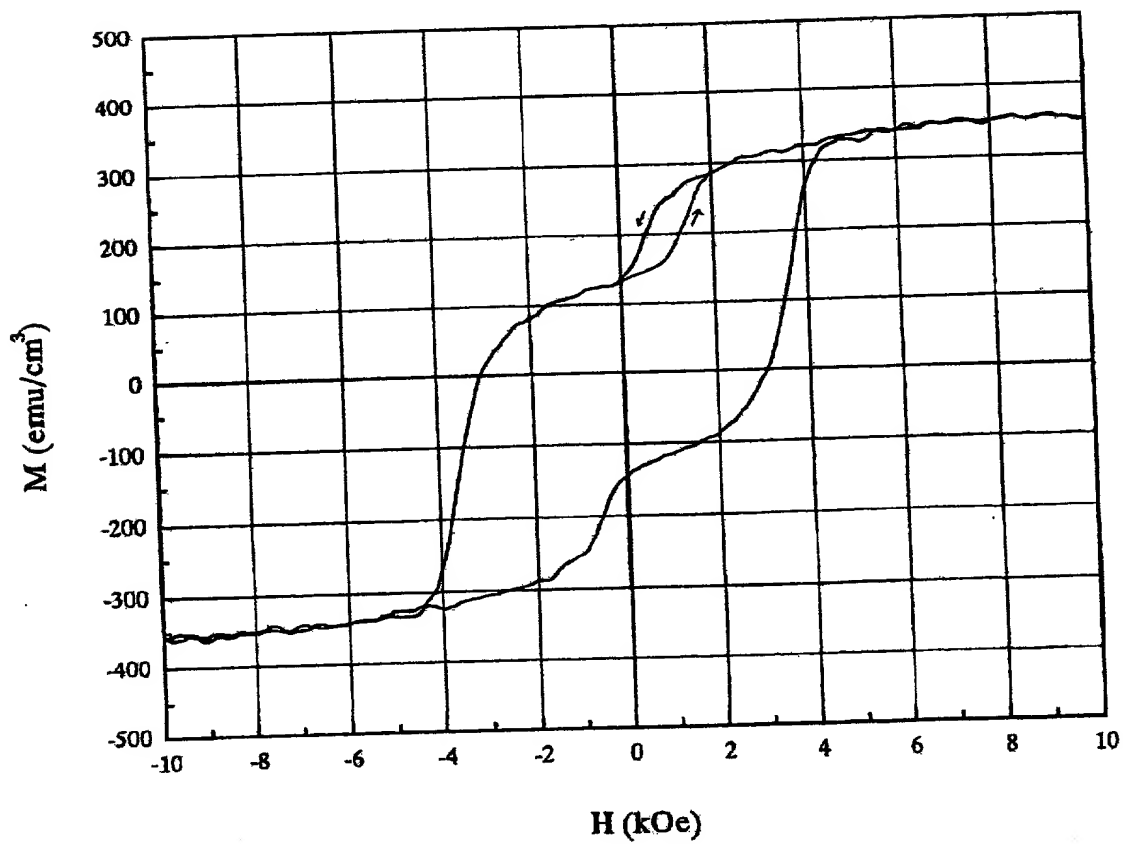
**Fig. 2**



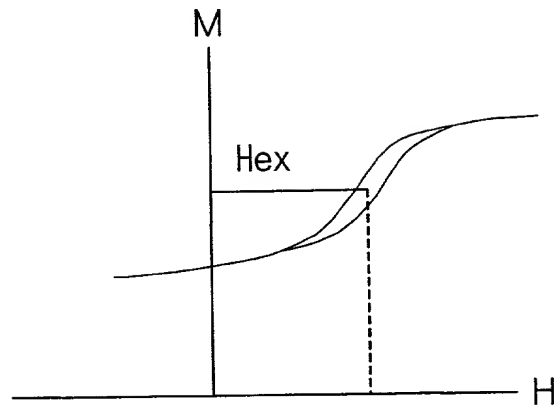
**Fig. 3**



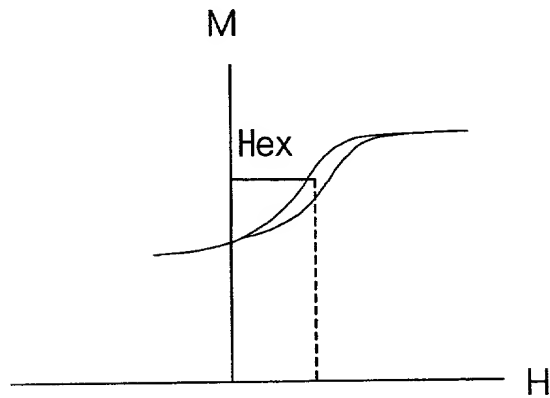
**Fig. 4**



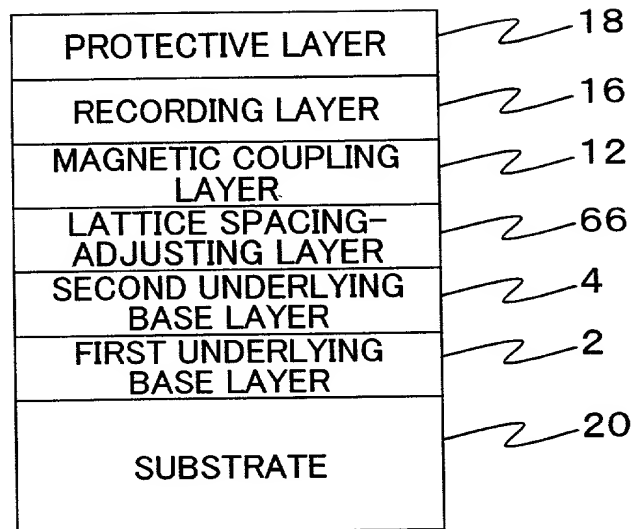
**Fig. 5A**



**Fig. 5B**



**Fig. 6**



**Fig. 7**

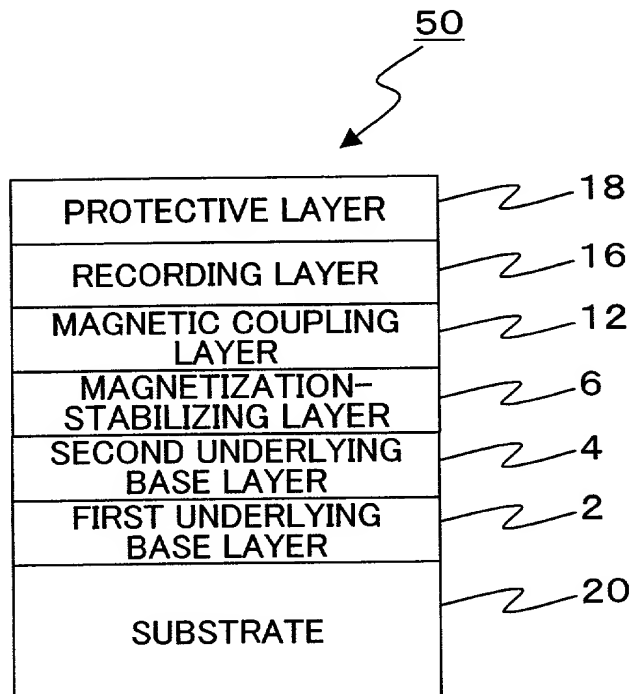


Fig. 8

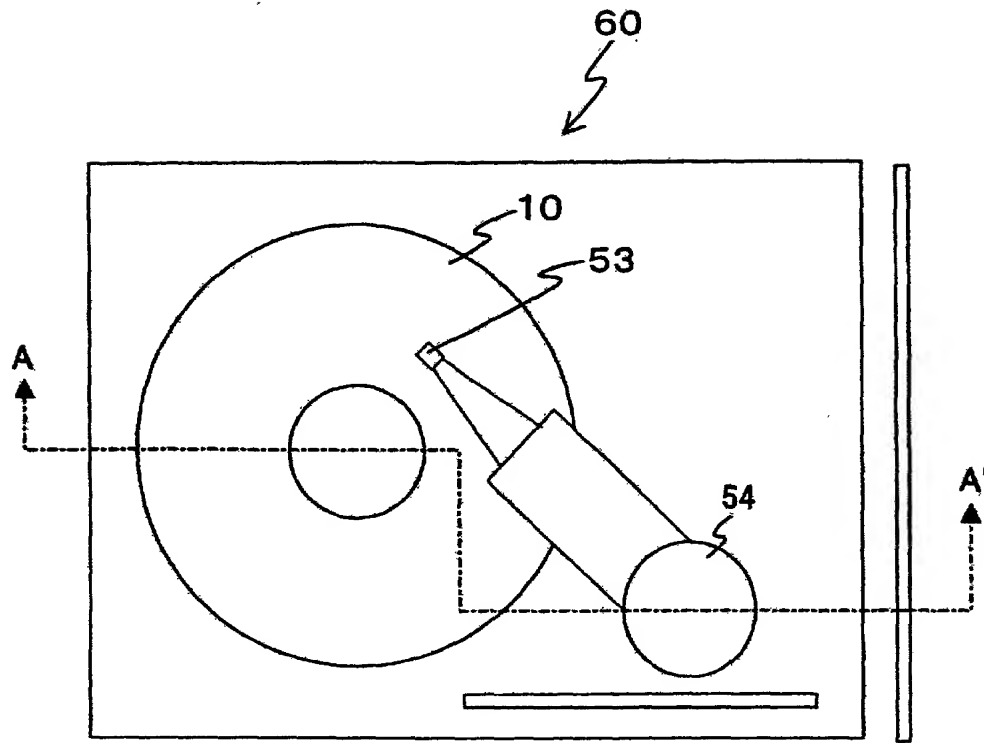
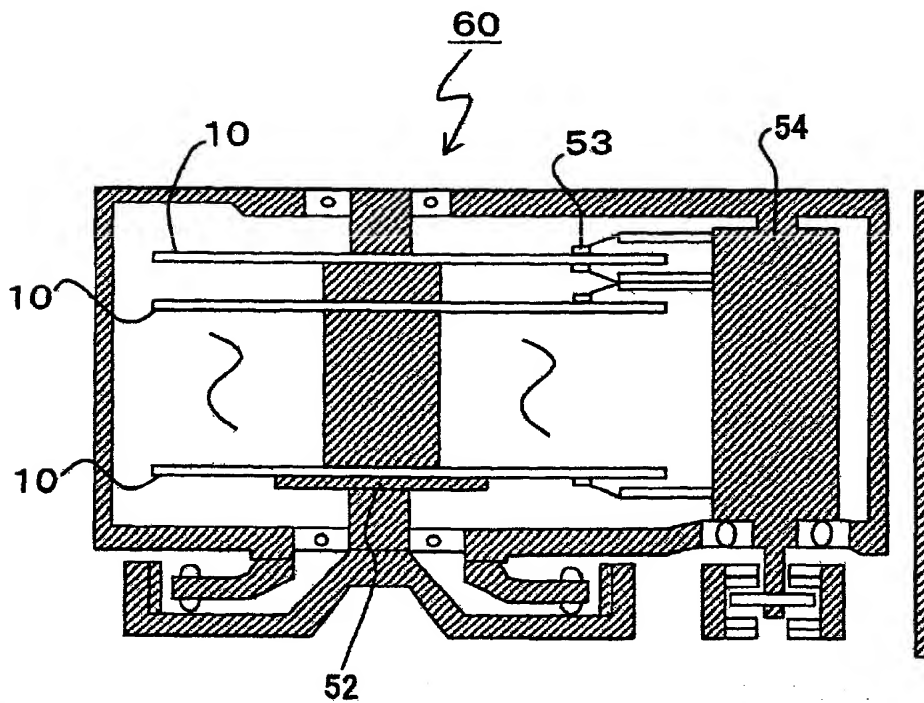


Fig. 9



**Fig. 10**

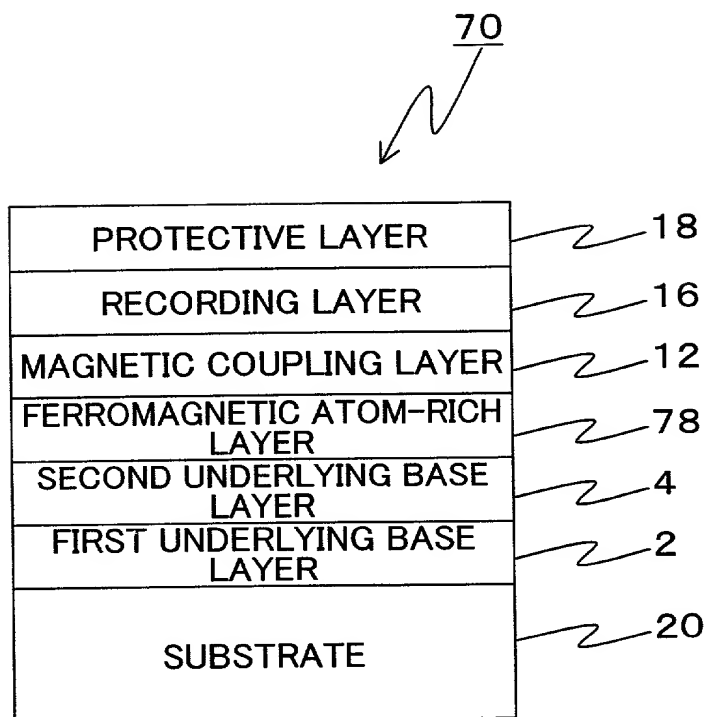
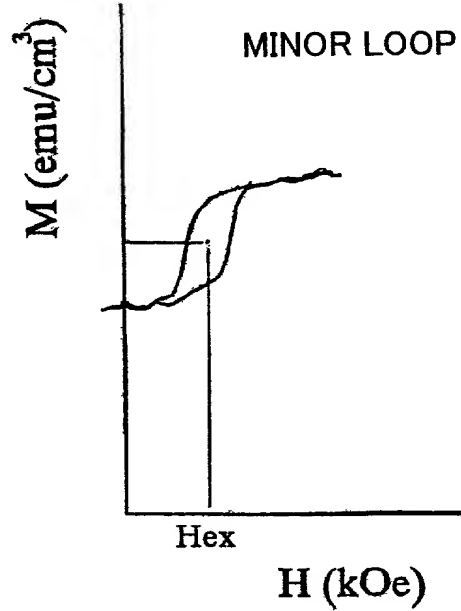
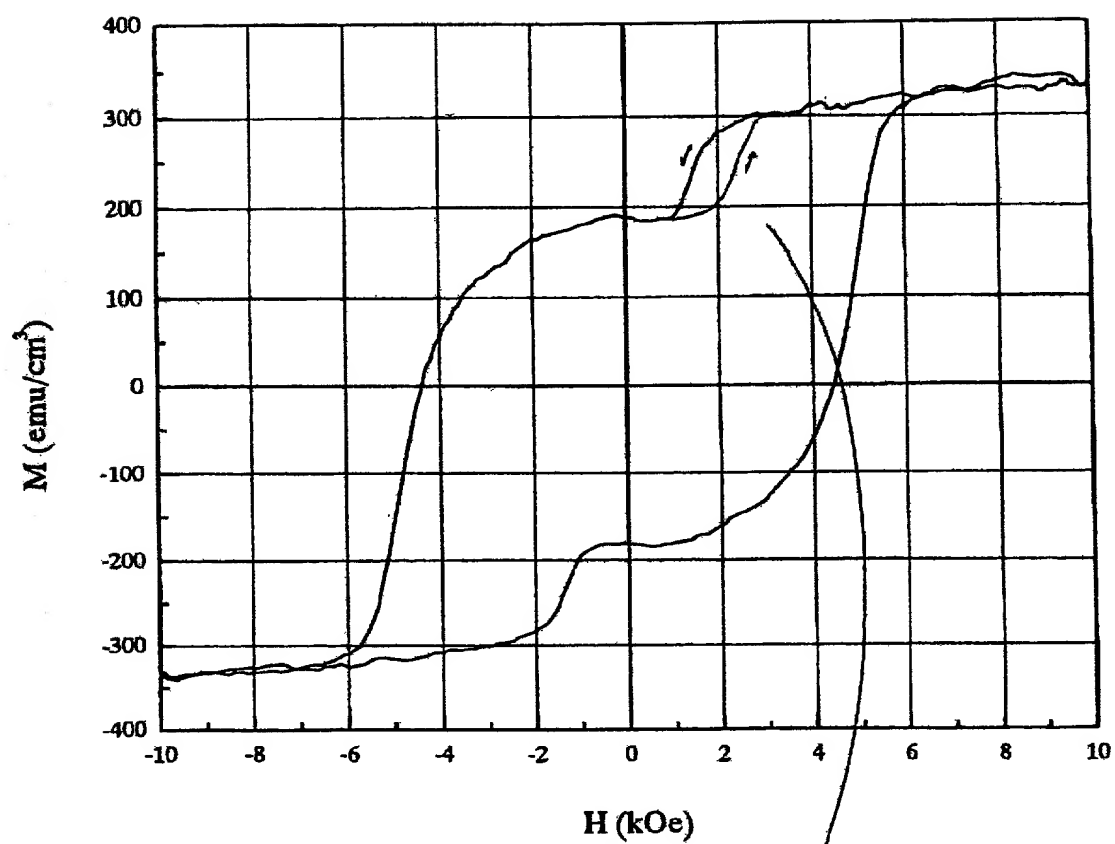
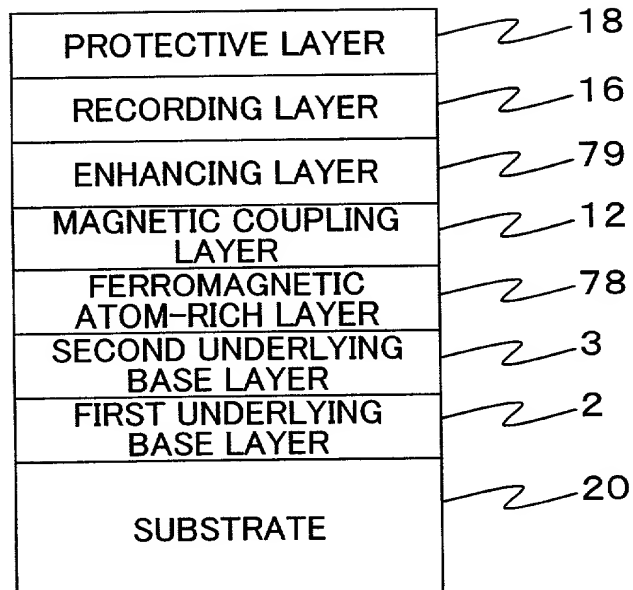


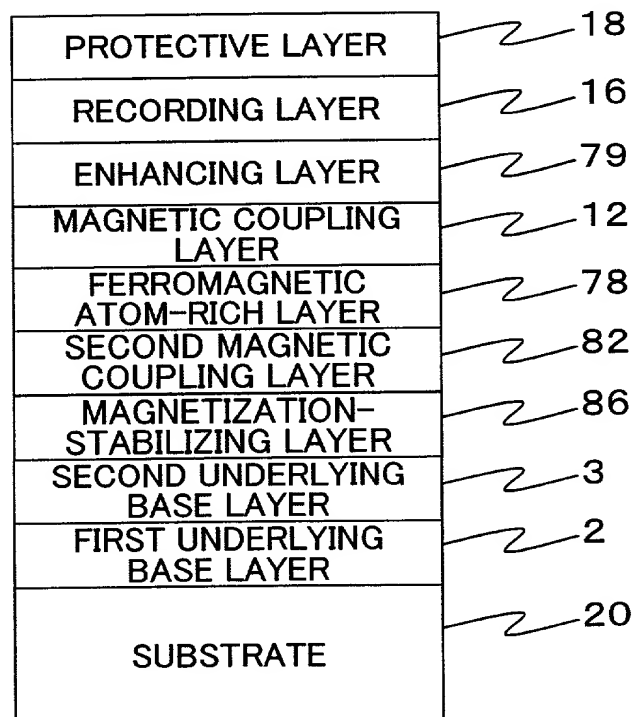
Fig. 11



**Fig. 12**



**Fig. 13**





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Fig. 14

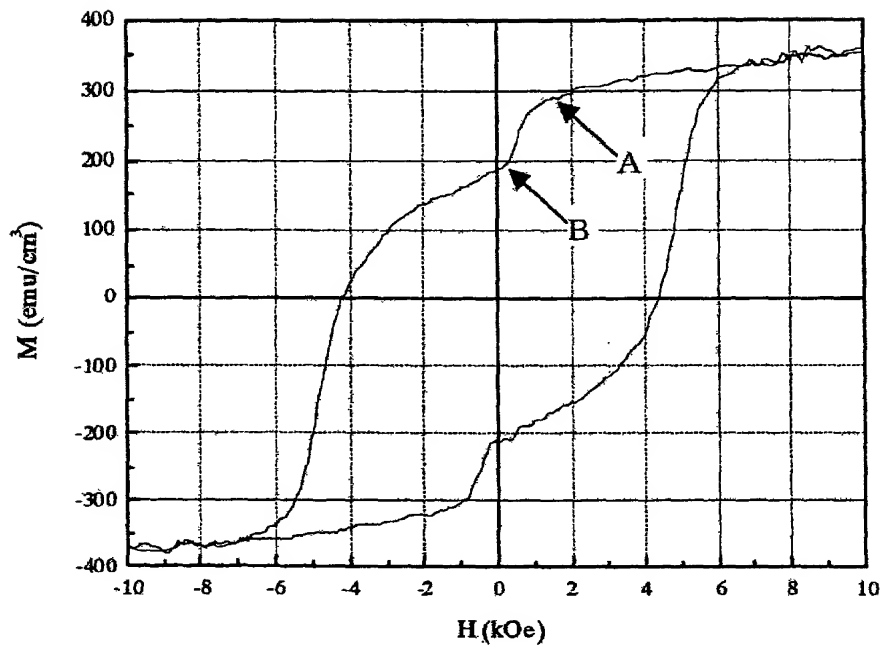
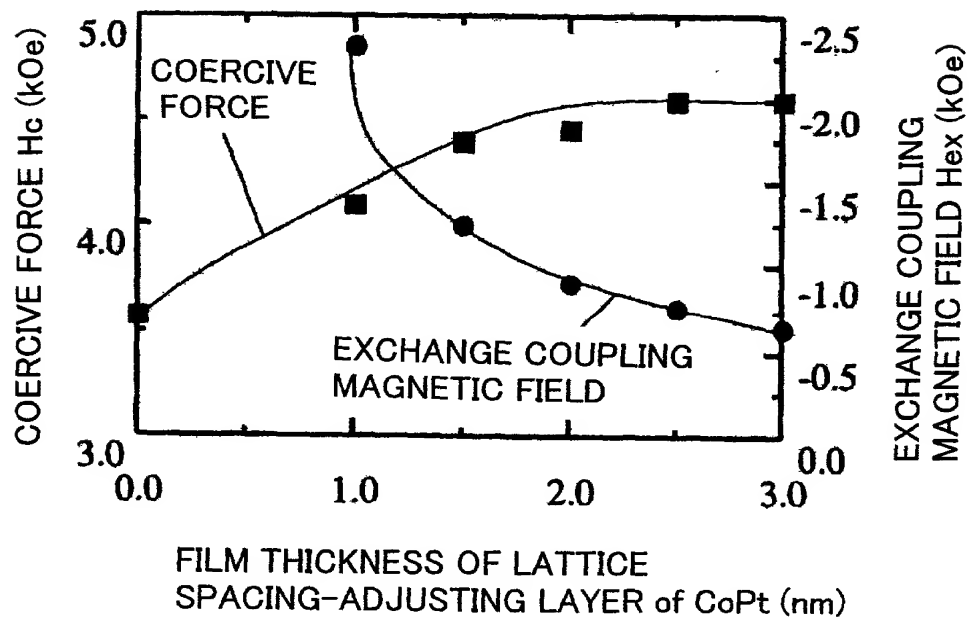
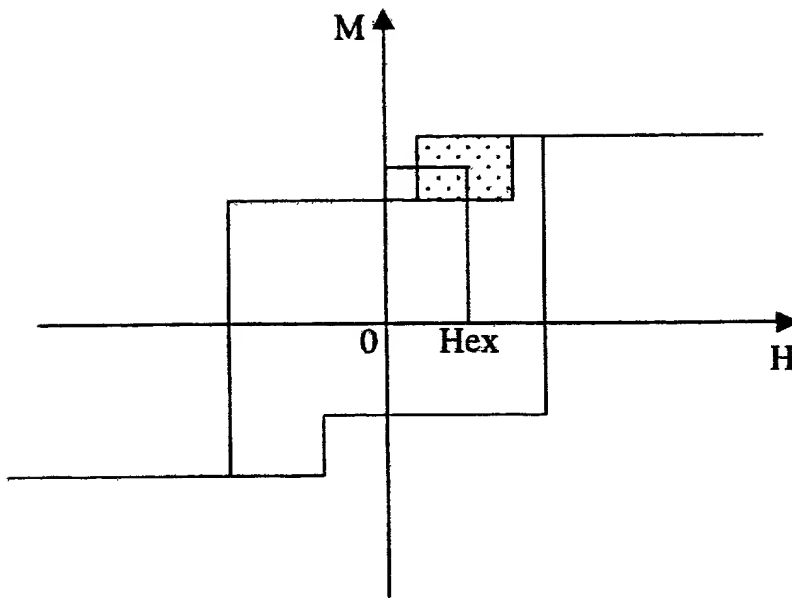


Fig. 15



**Fig. 16**



20250-64450

Fig. 17A

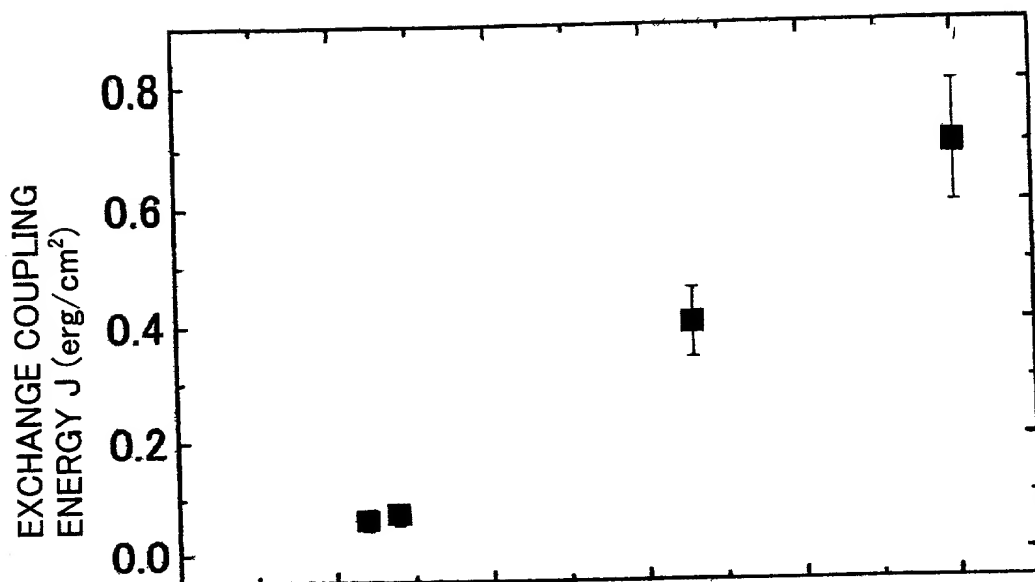
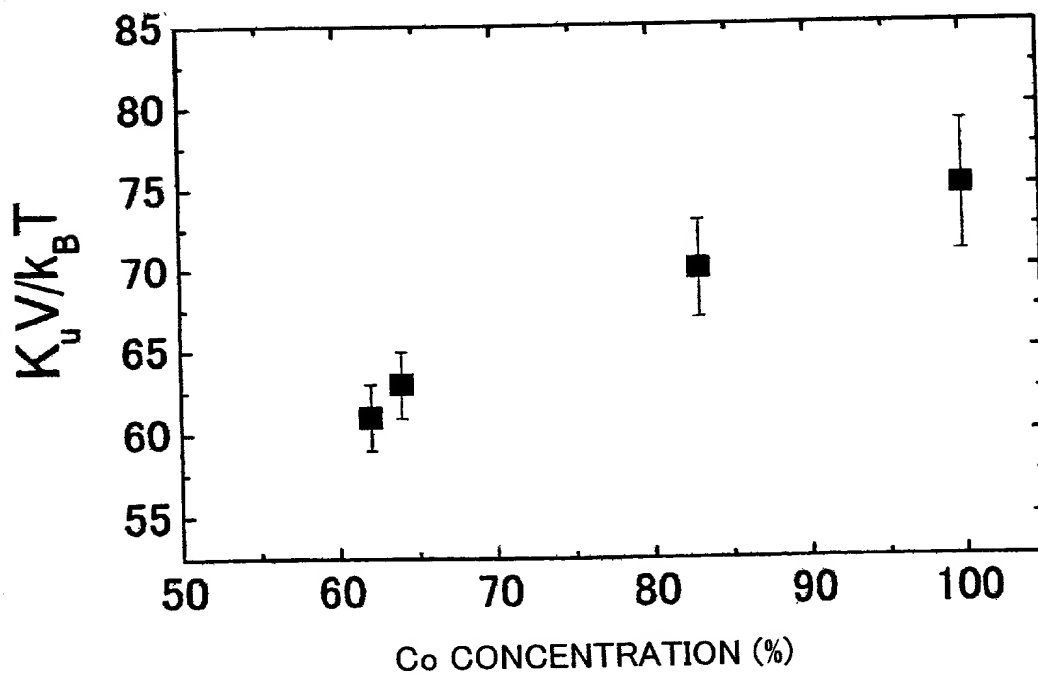


Fig. 17B



**Fig. 18**

PROTECTIVE LAYER
MAGNETIC RECORDING LAYER
MAGNETIC COUPLING LAYER (Ru)
MAGNETIZATION- STABILIZING LAYER
UNDERLYING BASE LAYER
SUBSTRATE

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